AIRS/AMSU/HSB Version 6
L2 Standard Pressure Levels

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February 2013
Version 1.0

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Submit Questions to:
http://airs.jpl.nasa.gov/AskAirs

AIRS V6 L2 Standard Pressure Levels

Index	pressStd, mb	pressH2O, mb
1	1100.0	1100.0
2	1000.0	1000.0
3	925.0	925.0
4	850.0	850.0
5	700.0	700.0
6	600.0	600.0
7	500.0	500.0
8	400.0	400.0
9	300.0	300.0
10	250.0	250.0
11	200.0	200.0
12	150.0	150.0
13	100.0	100.0
14	70.0	70.0
15	50.0	50.0
16	30.0	
17	20.0	
18	15.0	
19	10.0	
20	7.0	
21	5.0	
22	3.0	
23	2.0	
24	1.5	
25	1.0	
26	0.5	
27	0.2	
28	0.1	

AIRS V6 L2 Standard Pressure Levels

The **pressStd** array appears in the Level 2 Standard Product once per granule, and is ordered from bottom of atmosphere to top. It identifies the pressure levels upon which are reported **TAirStd, TAirMWOnlyStd, GP_Height**, and **GP_Height_MWOnly**. They are also the levels that bound **O3VMRStd** and on which **O3VMRStd** and **O3VMRLevStd** are reported. TOhe array has not been modified since launch in May, 2002.

The **pressH2O** array is also ordered from bottom of the atmosphere upward and identifies the pressure levels that bound **H2OMMRStd, H2OMMRSat**, and **H2OMMRSat_liquid.** These layer quantities are reported on the pressure level that bounds the high pressure side of the layers, so that there is no 50 hPa report for these quantities. However, the level quantites, **H2OMMRLevStd, H2OMMRSatLevStd** and **H2oMMRSatLevStd_liquid** are reported on all 15 pressure levels.

Both pressures arrays appear in the Level 2 Standard Product once per granule as attributes. They are shared by all retrievals, and so need not be replicated 1350 times as full swath arrays.